

M 6.9, HOKKAIDO, JAPAN REGION

Origin Time: Thu 2008-09-11 00:20:52 UTC

Location: 41.98°N 143.63°E Depth: 35 km

PAGER
Version 2

Created: 16 hrs, 42 mins after earthquake

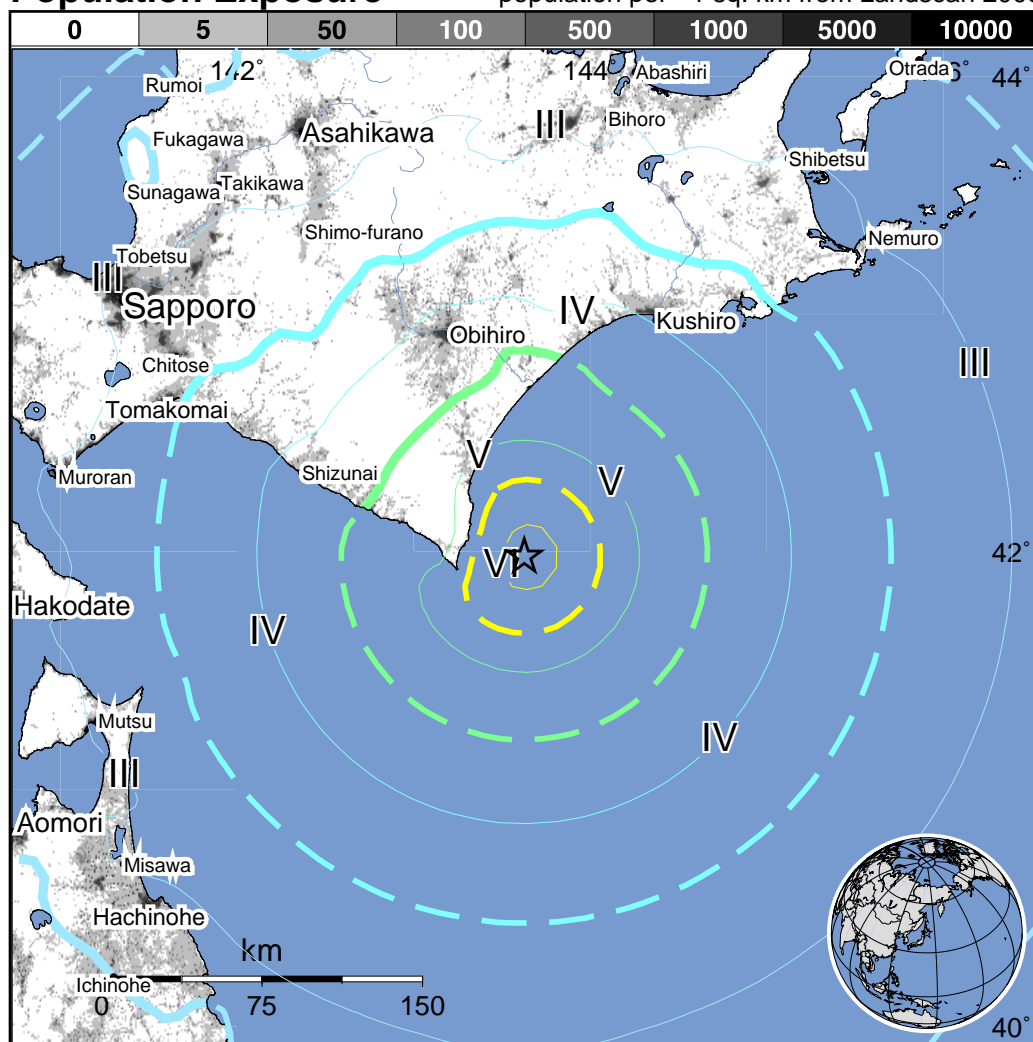
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- - *	4,944k*	1,310k	72k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure

population per ~1 sq. km from Landsat 2006

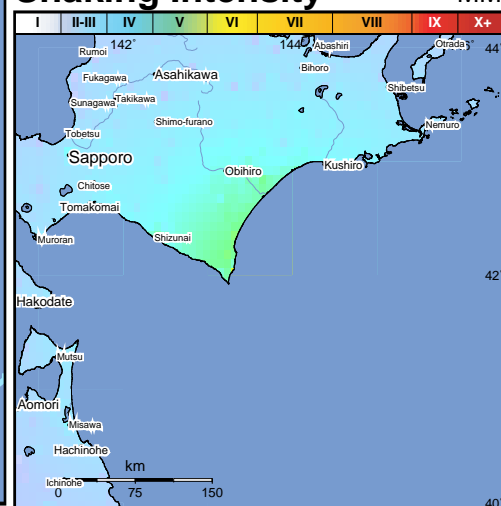


Selected City Exposure

MMI City	Population
V Shizunai	22k
IV Obihiro	173k
IV Otofuke	40k
IV Kushiro	183k
IV Sapporo	1,883k
IV Misawa	42k
III Shibetsu	21k
III Hachinohe	239k
III Hakodate	275k
III Asahikawa	356k
III Aomori	298k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 7.6 earthquake 125 km Northeast of this one struck Japan on January 15, 1993 (UTC), with estimated population exposures of 461,000 at intensity VIII and 608,000 at intensity VII, resulting in an estimated 2 fatalities. On July 12, 1993 (UTC), a magnitude 7.7 earthquake and tsunami 373 km Northeast of this one struck Hokkaido Nansei-Oki, Japan, with estimated population exposures of 4,000 at intensity VIII and 84,000 at intensity VII, resulting in an estimated 230 fatalities. Recent earthquakes in this area have caused, landslides and fires that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.